

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:****Display:**

10

**Documents in Display Format:**

-

**Starting with Number**

1

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Help

Logout

Interrupt

Main Menu

Show S Numbers

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Preferences

Cases

**Search History****DATE:** Tuesday, April 15, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**  
side by side**Hit Count Set Name**  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE;  
 PLUR=YES; OP=AND

<u>L11</u>	L9 and ((first or second) adj promoter)	11	<u>L11</u>
<u>L10</u>	L9 and L3	6	<u>L10</u>
<u>L9</u>	L8 and L2	89	<u>L9</u>
<u>L8</u>	((non-homologous) or (non-targeted)) adj (integration or recombination)	470	<u>L8</u>
<u>L7</u>	L4 and ((unpaired adj splice) adj donor)	6	<u>L7</u>
<u>L6</u>	L4 not L5	28	<u>L6</u>
<u>L5</u>	L4 and ((unpaired adj splice) adj donor)	6	<u>L5</u>
<u>L4</u>	L2 same L3	34	<u>L4</u>
<u>L3</u>	(lacks) same (polyadenylation adj signal)	245	<u>L3</u>
<u>L2</u>	(splice adj donor)	2932	<u>L2</u>
<u>L1</u>	Harrington-john-J\$.in.	19	<u>L1</u>

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)  
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS?

### Status: Signing onto Dialog

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

Welcome to DIALOG

### Status: Connected

Dialog level 02.12.60D

Last logoff: 14apr03 16:18:48

Logon file001 15apr03 12:29:33

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--File 515 D&B Dun's Electronic Business Directory is now online completely updated and redesigned. For details, see HELP NEWS 515.

\*\*\*

--File 990 - NewsRoom now contains October 2002 to present records.  
File 993 - NewsRoom archive contains 2002 records from January 2002-September 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002

\*\*\*

--Alerts have been enhanced to allow a single Alert profile to be stored and run against multiple files. Duplicate removal is available across files and for up to 12 months. The Alert may be run according to the file's update frequency or according to a custom calendar-based schedule. There are no additional prices for these enhanced features. See HELP ALERT for more information.

\*\*\*

--U.S. Patents Fulltext (File 654) has been redesigned with new search and display features. See HELP NEWS 654 for information.

\*\*\*

--Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.

\*\*\*

--CLAIMS/US Patents (Files 340,341, 942) have been enhanced with both application and grant publication level in a single record. See HELP NEWS 340 for information.

\*\*\*

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*

--Important news for public and academic libraries. See HELP LIBRARY for more information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

For information about the access to file 43 please see Help News43.

\*\*\*

NEW FILES RELEASED

\*\*\*Dialog NewsRoom - Current 3-4 months (File 990)

\*\*\*Dialog NewsRoom - 2002 Archive (File 993)

\*\*\*Dialog NewsRoom - 2001 Archive (File 994)

\*\*\*Dialog NewsRoom - 2000 Archive (File 995)

\*\*\*TRADEMARKSCAN-Finland (File 679)

\*\*\*TRADEMARKSCAN-Norway (File 678)  
\*\*\*TRADEMARKSCAN-Sweden (File 675)  
\*\*\*

UPDATING RESUMED

\*\*\*Delphes European Business (File 481)  
\*\*\*

RELOADED

\*\*\*D&B Dun's Electronic Business Directory (File 515)  
\*\*\*U.S. Patents Fulltext 1976-current (File 654)  
\*\*\*Population Demographics (File 581)  
\*\*\*Kompass Western Europe (File 590)  
\*\*\*D&B - Dun's Market Identifiers (File 516)

REMOVED

\*\*\*Chicago Tribune (File 632)  
\*\*\*Fort Lauderdale Sun Sentinel (File 497)  
\*\*\*The Orlando Sentinel (File 705)  
\*\*\*Newport News Daily Press (File 747)  
\*\*\*U.S. Patents Fulltext 1980-1989 (File 653)  
\*\*\*TOXNET data is added to ToxFile (F156)

\*\*\*New document supplier\*\*\*

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<  
\*\*\*\*\*

KWIC is set to 50.  
HIGHLIGHT set on as ''  
\* \* \* \*

File 1:ERIC 1966-2003/Mar 24  
(c) format only 2003 The Dialog Corporation

Set	Items	Description
-----	-------	-------------

Cost is in DialUnits

?b 155, 5, 73

15apr03 12:29:52 User259876 Session D488.1

\$0.33 0.095 DialUnits File1

\$0.33 Estimated cost File1

\$0.07 TELNET

\$0.40 Estimated cost this search

\$0.40 Estimated total session cost 0.095 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2003/Apr W1

(c) format only 2003 The Dialog Corp.

**\*File 155: Medline has been reloaded and accession numbers have changed.** Please see HELP NEWS 155.

File 5:Biosis Previews(R) 1969-2003/Apr W1

(c) 2003 BIOSIS

**\*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling.** See HELP ALERT.

File 73:EMBASE 1974-2003/Apr W1

(c) 2003 Elsevier Science B.V.

**\*File 73: Alert feature enhanced for multiple files, duplicates removal, customized scheduling.** See HELP ALERT.

Set	Items	Description
-----	-------	-------------

?s (splice (w) donor)

31567 SPLICE

217209 DONOR

S1 2787 (SPLICE (W) DONOR)  
 ?s (lack) (s) (polyadenylation (w) signal)  
 407533 LACK  
 11757 POLYADENYLATION  
 585457 SIGNAL  
 S2 89 (LACK) (S) (POLYADENYLATION (W) SIGNAL)  
 ?s s1 (s) s2  
 2787 S1  
 89 S2  
 S3 3 S1 (S) S2  
 ?rd  
 ...completed examining records  
 S4 1 RD (unique items)  
 ?t s4/3,k/all

4/3,K/1 (Item 1 from file: 155)  
 DIALOG(R)File 155:MEDLINE(R)  
 (c) format only 2003 The Dialog Corp. All rts. reserv.

08230610 94296564 PMID: 8024703

**Structure of the mouse gonadotropin-releasing hormone receptor gene: variant transcripts generated by alternative processing.**

Zhou W; Sealfon S C  
 Fishberg Research Center for Neurobiology, Mount Sinai Medical Center,  
 New York, NY 10029.

DNA and cell biology (UNITED STATES) Jun 1994, 13 (6) p605-14,

ISSN 1044-5498 Journal Code: 9004522

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

The mouse gonadotropin-releasing hormone receptor (GnRHR) is unique among G-protein-coupled receptors in its \*lack\* of a putative intracellular carboxy-terminal domain. A gonadotrope cell line cDNA library was screened in a search for alternative forms of the receptor transcript...

... functional 327-amino-acid receptor previously reported. One group of clones (14%), which contains exons 1 and 2, continues 700 bp past the exon 2 \*splice\* \*donor\* of the wild-type receptor. These clones terminate after a \*polyadenylation\* \*signal\* and have an open reading frame encoding a protein of only 261 amino acids. In a different group of transcripts (5%), exon 2 is absent...

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)

?s s1 and s2

2787	S1
89	S2
S5	3 S1 AND S2

?rd

...completed examining records

S6 1 RD (unique items)

?t s6/3,k/all

6/3,K/1 (Item 1 from file: 155)  
 DIALOG(R)File 155:MEDLINE(R)  
 (c) format only 2003 The Dialog Corp. All rts. reserv.

08230610 94296564 PMID: 8024703

**Structure of the mouse gonadotropin-releasing hormone receptor gene: variant transcripts generated by alternative processing.**

Zhou W; Sealfon S C  
Fishberg Research Center for Neurobiology, Mount Sinai Medical Center,  
New York, NY 10029.

DNA and cell biology (UNITED STATES) Jun 1994, 13 (6) p605-14,  
ISSN 1044-5498 Journal Code: 9004522  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

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... functional 327-amino-acid receptor previously reported. One group of clones (14%), which contains exons 1 and 2, continues 700 bp past the exon 2 \*splice\* \*donor\* of the wild-type receptor. These clones terminate after a \*polyadenylation\* \*signal\* and have an open reading frame encoding a protein of only 261 amino acids. In a different group of transcripts (5%), exon 2 is absent...

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
?s (lacks) (s) (polyadenylation (w) signal)		
	46081	LACKS
	11757	POLYADENYLATION
	585457	SIGNAL
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
?s s1 (s) s7		
	2787	S1
	107	S7
S8	2	S1 (S) S7

?rd

...completed examining records

S9 1 RD (unique items)

?t s9/3,k/all

9/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

08695603 95384208 PMID: 7655516

**A new strategy of gene trapping in ES cells using 3'RACE.**

Yoshida M; Yagi T; Furuta Y; Takayanagi K; Kominami R; Takeda N; Tokunaga T; Chiba J; Ikawa Y; Aizawa S  
Laboratory of Molecular Oncology, Tsukuba Life Science Center, RIKEN, Ibaraki, Japan.

Transgenic research (ENGLAND) Jul 1995, 4 (4) p277-87, ISSN 0962-8819 Journal Code: 9209120  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

... we describe a strategy to identify gene trapping clones which is not based on expression of a reporter gene. It uses the near gene which \*lacks\* a \*polyadenylation\* \*signal\* and has a \*splice\* \*donor\* signal. Expression of the near gene as fusion transcripts with the 3' end containing the \*polyadenylation\* \*signal\* of tagged genes allows the identification of

these clones by 3' rapid amplification of the cDNA end in undifferentiated ES cells, even if the genes...

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
S8	2	S1 (S) S7
S9	1	RD (unique items)

?s s1 and s7

2787 S1

107 S7

S10 2 S1 AND S7

?rd

...completed examining records

S11 1 RD (unique items)

?t s11/3,k/all

11/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

08695603 95384208 PMID: 7655516

**A new strategy of gene trapping in ES cells using 3'RACE.**

Yoshida M; Yagi T; Furuta Y; Takayanagi K; Kominami R; Takeda N; Tokunaga T; Chiba J; Ikawa Y; Aizawa S

Laboratory of Molecular Oncology, Tsukuba Life Science Center, RIKEN, Ibaraki, Japan.

Transgenic research (ENGLAND) Jul 1995, 4 (4) p277-87, ISSN 0962-8819 Journal Code: 9209120

Document type: Journal Article

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Main Citation Owner: NLM

Record type: Completed

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?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
S8	2	S1 (S) S7
S9	1	RD (unique items)
S10	2	S1 AND S7
S11	1	RD (unique items)

?s (gene (w) trapping) or (trap (w) vector?)

2011541 GENE

36574 TRAPPING

211 GENE(W)TRAPPING

37916 TRAP

274780 VECTOR?  
 232 TRAP(W) VECTOR?  
 S12 409 (GENE (W) TRAPPING) OR (TRAP (W) VECTOR?)  
 ?s s12 and (unpaired (w) splice (w) donor)  
 409 S12  
 10900 UNPAIRED  
 31567 SPLICE  
 217209 DONOR  
 1 UNPAIRED(W) SPLICE(W) DONOR  
 S13 0 S12 AND (UNPAIRED (W) SPLICE (W) DONOR)  
 ?s (unpaired (w) splice (w) donor)  
 10900 UNPAIRED  
 31567 SPLICE  
 217209 DONOR  
 S14 1 (UNPAIRED (W) SPLICE (W) DONOR)  
 ?t s14/3,k/all

14/3,K/1 (Item 1 from file: 73)  
 DIALOG(R) File 73:EMBASE  
 (c) 2003 Elsevier Science B.V. All rts. reserv.

07176031 EMBASE No: 1998066892

**TKT'S plans for turning on endogenous genes**

Expert Opinion on Therapeutic Patents ( EXPERT OPIN. THER. PAT. ) (United Kingdom) 1998, 8/3 (325-328)  
 CODEN: EOTPE ISSN: 1354-3776  
 DOCUMENT TYPE: Journal; Article  
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
 NUMBER OF REFERENCES: 7

RM 300. E9

...the targeting construct. Specifically, the targeting constructs include at least: ~~DNA homologous to the target locus~~, exogenous regulatory sequences and an exogenous exon with an ~~\*unpaired\*~~ splice\* donor\* site. The new transcription unit is expressed from the exogenous regulatory sequences and includes most or all of the target gene's coding sequences which...

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
S8	2	S1 (S) S7
S9	1	RD (unique items)
S10	2	S1 AND S7
S11	1	RD (unique items)
S12	409	(GENE (W) TRAPPING) OR (TRAP (W) VECTOR?)
S13	0	S12 AND (UNPAIRED (W) SPLICE (W) DONOR)
S14	1	(UNPAIRED (W) SPLICE (W) DONOR)

?s s12 and (a (w) splice (w) donor)

Processing  
 Processing

409 S12  
 20218460 A  
 31567 SPLICE  
 217209 DONOR  
 319 A(W) SPLICE(W) DONOR  
 S15 2 S12 AND (A (W) SPLICE (W) DONOR)

?rd

...completed examining records

S16 1 RD (unique items)

?t s16/3,k/all

16/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

08695603 95384208 PMID: 7655516

**A new strategy of \*gene\* \*trapping\* in ES cells using 3'RACE.**

Yoshida M; Yagi T; Furuta Y; Takayanagi K; Kominami R; Takeda N; Tokunaga T; Chiba J; Ikawa Y; Aizawa S

Laboratory of Molecular Oncology, Tsukuba Life Science Center, RIKEN, Ibaraki, Japan.

Transgenic research (ENGLAND) Jul 1995, 4 (4) p277-87, ISSN 0962-8819 Journal Code: 9209120

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

**A new strategy of \*gene\* \*trapping\* in ES cells using 3'RACE.**

\*Gene\* \*trapping\* " in embryonic stem (ES) cells is a novel approach to identify a series of genes in mammals concomitant with the production of the corresponding mutant mice. However, this approach is currently unable to identify genes that are not expressed in ES cells. Here we describe a strategy to identify \*gene\* \*trapping\* clones which is not based on expression of a reporter gene. It uses the neor gene which lacks a polyadenylation signal and has \*a\* \*splice\* \*donor\* signal. Expression of the neor gene as fusion transcripts with the 3' end containing the polyadenylation signal of tagged genes allows the identification of these ...

... if the genes are not expressed in ES cells. Amplification was observed in about 25% of G418-resistant clones. Sequence analyses suggested the amplifications represent \*gene\* \*trapping\* events. The feasibility of this approach was further assessed by analysing one clone, PAT-12, in detail.

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
S8	2	S1 (S) S7
S9	1	RD (unique items)
S10	2	S1 AND S7
S11	1	RD (unique items)
S12	409	(GENE (W) TRAPPING) OR (TRAP (W) VECTOR?)
S13	0	S12 AND (UNPAIRED (W) SPLICE (W) DONOR)
S14	1	(UNPAIRED (W) SPLICE (W) DONOR)
S15	2	S12 AND (A (W) SPLICE (W) DONOR)
S16	1	RD (unique items)
?s s12 and ((first or second or third) (w) promoter)		
	409	S12
	2019523	FIRST
	938450	SECOND
	459825	THIRD
	263374	PROMOTER
	663	((FIRST OR SECOND) OR THIRD) (W) PROMOTER
S17	0	S12 AND ((FIRST OR SECOND OR THIRD) (W) PROMOTER)
?s s12 and (non-targeted or non-homologous)		
	409	S12
	0	NON-TARGETED
	8	NON-HOMOLOGOUS
S18	0	S12 AND (NON-TARGETED OR NON-HOMOLOGOUS)



```

?s s12 and ((non (w) homologous) or (non (w) targeted))
    409 S12
    4029284 NON
    243639 HOMOLOGOUS
    2707 NON (W) HOMOLOGOUS
    4029284 NON
    93405 TARGETED
    414 NON (W) TARGETED
S19 0 S12 AND ((NON (W) HOMOLOGOUS) OR (NON (W) TARGETED))
?s s12 and (random (w) activation)
    409 S12
    252168 RANDOM
    1125457 ACTIVATION
    58 RANDOM (W) ACTIVATION
S20 0 S12 AND (RANDOM (W) ACTIVATION)
?s (random (w) activation) (s) (gene (w) expression)
    252168 RANDOM
    1125457 ACTIVATION
    2011541 GENE
    1773410 EXPRESSION
S21 9 (RANDOM (W) ACTIVATION) (S) (GENE (W) EXPRESSION)
?s s21 and (splice (w) donor)
    9 S21
    31567 SPLICE
    217209 DONOR
    2787 SPLICE (W) DONOR
S22 0 S21 AND (SPLICE (W) DONOR)
?rd s21
...completed examining records
S23 5 RD S21 (unique items)
?t s23/3,k/all

```

**23/3,K/1 (Item 1 from file: 155)**  
 DIALOG(R)File 155:MEDLINE(R)  
 (c) format only 2003 The Dialog Corp. All rts. reserv.

09454830 21227151 PMID: 11329013  
**Creation of genome-wide protein expression libraries using \*random\*  
 \*activation\* of \*gene\* \*expression\*.**  
 Harrington J J; Sherf B; Rundlett S; Jackson P D; Perry R; Cain S;  
 Leventhal C; Thornton M; Ramachandran R; Whittington J; Lerner L; Costanzo  
 D; McElligott K; Boozer S; Mays R; Smith E; Veloso N; Klika A; Hess J;  
 Cothren K; Lo K; Offenbacher J; Danzig J; Ducar M  
 Athersys, Inc., 3201 Carnegie Ave., Cleveland, OH 44115, USA.  
 jharrington@athersys.com  
 Nature biotechnology (United States) May 2001, 19 (5) p440-5, ISSN  
 1087-0156 Journal Code: 9604648  
 Document type: Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: Completed

**Creation of genome-wide protein expression libraries using \*random\*  
 \*activation\* of \*gene\* \*expression\*.**  
 Here we report the use of \*random\* \*activation\* of \*gene\* \*expression\*  
 (RAGE) to create genome-wide protein expression libraries. RAGE libraries  
 containing only 5 x 10(6) individual clones were found to express every  
 gene tested...

**23/3,K/2 (Item 2 from file: 155)**  
 DIALOG(R)File 155:MEDLINE(R)  
 (c) format only 2003 The Dialog Corp. All rts. reserv.

08892875 20179470 PMID: 10712946  
**Lineage commitment in lymphopoiesis.**

Busslinger M; Nutt S L; Rolink A G  
Research Institute of Molecular Pathology, Vienna, A-1030, Austria.  
busslinger@nt.imp.univie.ac.at  
Current opinion in immunology (ENGLAND) Apr 2000, 12 (2) p151-8,  
ISSN 0952-7915 Journal Code: 8900118  
Document type: Journal Article; Review; Review, Tutorial  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

... cell development may proceed in two steps. At the onset of B-lymphopoiesis, the transcription factors E2A and EBF coordinately activate the B-cell-specific \*gene\* \*expression\* program. Subsequently, Pax5 appears to repress the promiscuous transcription of lineage-inappropriate genes and thus commits progenitor cells to the B-lymphoid pathway by suppressing alternative cell fates. B-lineage commitment by Pax5 seems to occur in a stochastic manner in the bone marrow, as indicated by the \*random\* \*activation\* of only one of the two Pax5 alleles in early pro-B cells. In contrast, loss- and gain-of-function analyses have implicated the Notch1...

**23/3,K/3 (Item 3 from file: 155)**  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

03124391 80047063 PMID: 227712

**Globin gene expression in MSV-transformed fibroblasts.**  
Parker I; Fitschen W  
Experientia (SWITZERLAND) Oct 15 1979, 35 (10) p1312-3, ISSN  
0014-4754 Journal Code: 0376547  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

The activation of globin \*gene\* \*expression\* on viral transformation of 3T3 cells was investigated. Globin mRNA was determined using a radioactive complementary DNA probe. No difference was found between 3T3 and transformed 3T3 cells. There does not therefore appear to be a \*random\* \*activation\* of extensive regions of the cellular genome.

**23/3,K/4 (Item 1 from file: 5)**  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

13410147 BIOSIS NO.: 200200038968

**\*Random\* \*Activation\* of \*Gene\* \*Expression\* to identify proteins  
regulating apoptosis.**

AUTHOR: Rundlett S(a)  
AUTHOR ADDRESS: (a)Research, Athersys, Inc., Cleveland, OH\*\*USA  
JOURNAL: American Journal of Human Genetics 69 (4 Supplement):p261  
October, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 51st Annual Meeting of the American Society of Human  
Genetics San Diego, California, USA October 12-16, 2001  
ISSN: 0002-9297  
RECORD TYPE: Citation  
LANGUAGE: English

**\*Random\* \*Activation\* of \*Gene\* \*Expression\* to identify proteins  
regulating apoptosis.**

...METHODS & EQUIPMENT: \*random\* \*activation\* of \*gene\* \*expression\*--

23/3,K/5 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12737521 BIOSIS NO.: 200000491144

**Creation of comprehensive protein expression libraries in human cells using  
genome-wide \*Random\* \*Activation\* of \*Gene\* \*Expression\* (RAGE).**

AUTHOR: Sherf B A(a); Rundlett S(a); Perry R(a); Harrington J(a)

AUTHOR ADDRESS: (a)Athersys, Inc, Cleveland, OH\*\*USA

JOURNAL: American Journal of Human Genetics 67 (4 Supplement 2):p265  
October, 2000

MEDIUM: print

CONFERENCE/MEETING: 50th Annual Meeting of the American Society of Human  
Genetics Philadelphia, Pennsylvania, USA October 03-07, 2000

SPONSOR: American Society of Human Genetics

ISSN: 0002-9297

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

**Creation of comprehensive protein expression libraries in human cells using  
genome-wide \*Random\* \*Activation\* of \*Gene\* \*Expression\* (RAGE).**

**DESCRIPTORS:**

CHEMICALS & BIOCHEMICALS: \*random\* \*activation\* of \*gene\* \*expression\*  
vectors

MISCELLANEOUS TERMS: ...genome-wide \*random\* \*activation\* of \*gene\*  
\*expression\* library...

?ds

Set	Items	Description
S1	2787	(SPLICE (W) DONOR)
S2	89	(LACK) (S) (POLYADENYLATION (W) SIGNAL)
S3	3	S1 (S) S2
S4	1	RD (unique items)
S5	3	S1 AND S2
S6	1	RD (unique items)
S7	107	(LACKS) (S) (POLYADENYLATION (W) SIGNAL)
S8	2	S1 (S) S7
S9	1	RD (unique items)
S10	2	S1 AND S7
S11	1	RD (unique items)
S12	409	(GENE (W) TRAPPING) OR (TRAP (W) VECTOR?)
S13	0	S12 AND (UNPAIRED (W) SPLICE (W) DONOR)
S14	1	(UNPAIRED (W) SPLICE (W) DONOR)
S15	2	S12 AND (A (W) SPLICE (W) DONOR)
S16	1	RD (unique items)
S17	0	S12 AND ((FIRST OR SECOND OR THIRD) (W) PROMOTER)
S18	0	S12 AND (NON-TARGETED OR NON-HOMOLOGOUS)
S19	0	S12 AND ((NON (W) HOMOLOGOUS) OR (NON (W) TARGETED))
S20	0	S12 AND (RANDOM (W) ACTIVATION)
S21	9	(RANDOM (W) ACTIVATION) (S) (GENE (W) EXPRESSION)
S22	0	S21 AND (SPLICE (W) DONOR)
S23	5	RD S21 (unique items)

?logoff

15apr03 12:46:28 User259876 Session D488.2

\$7.01 2.191 DialUnits File155

\$1.68 8 Type(s) in Format 3

\$1.68 8 Types

\$8.69 Estimated cost File155

\$9.65 1.724 DialUnits File5

\$3.50 2 Type(s) in Format 3

\$3.50 2 Types

\$13.15 Estimated cost File5

\$16.55 1.839 DialUnits File73

\$2.50 1 Type(s) in Format 3

\$2.50 1 Types

\$19.05 Estimated cost File73  
OneSearch, 3 files, 5.754 DialUnits FileOS  
\$3.96 TELNET  
\$44.85 Estimated cost this search  
\$45.25 Estimated total session cost 5.849 DialUnits

### Status: Signed Off. (17 minutes)